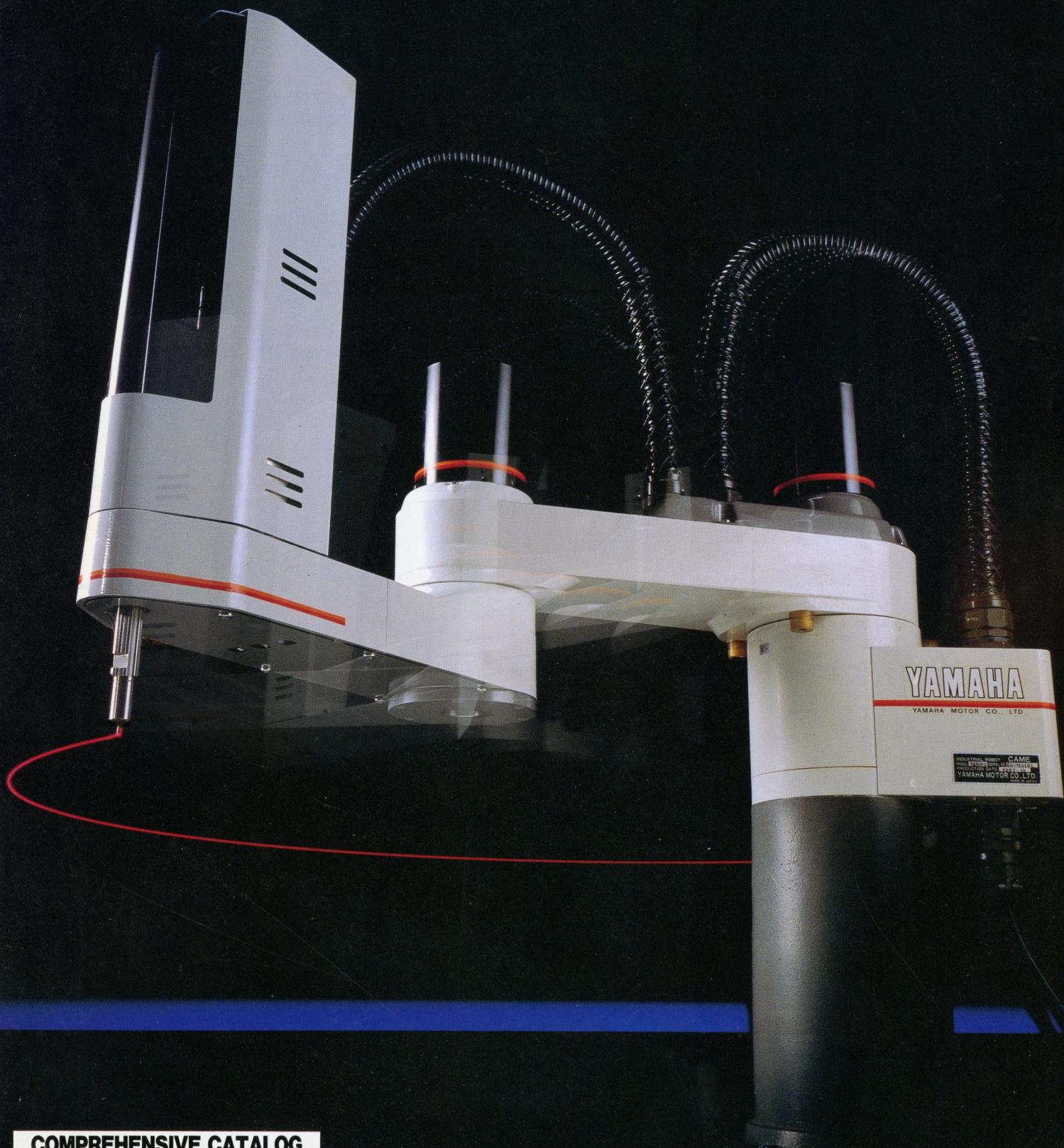


**YAMAHA**  
YAMAHA MOTOR CO., LTD.



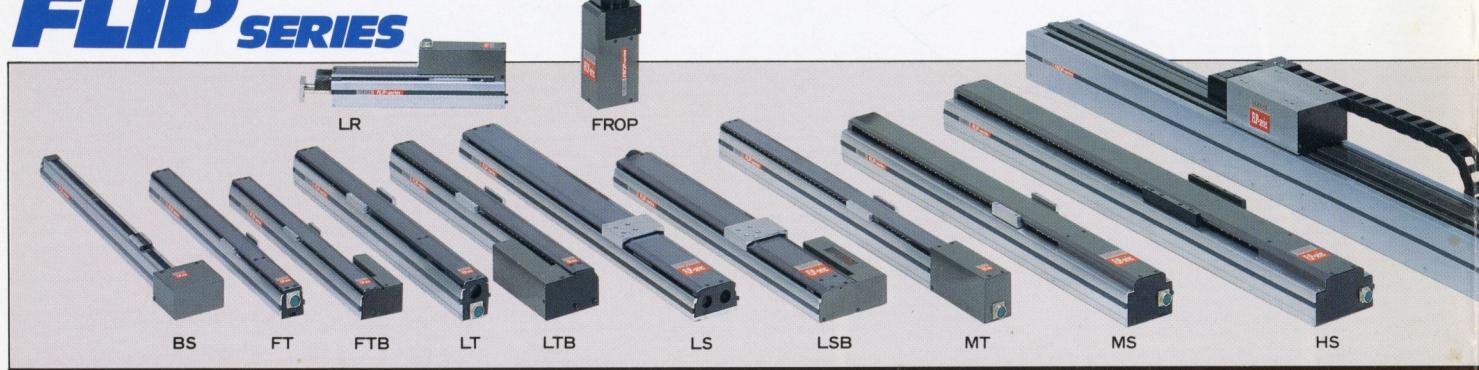
COMPREHENSIVE CATALOG

# YAMAHA ROBOTS

# YAMAHA ROBOT

Single-axis robots

## FLIP SERIES



Maximum speed 600mm/sec to 1800mm/sec, maximum load of 3 kg to 60kg, stroke ranging from 130mm to 2050 mm, horizontal and vertical usage possible. High-level software available.

Cartesian robots

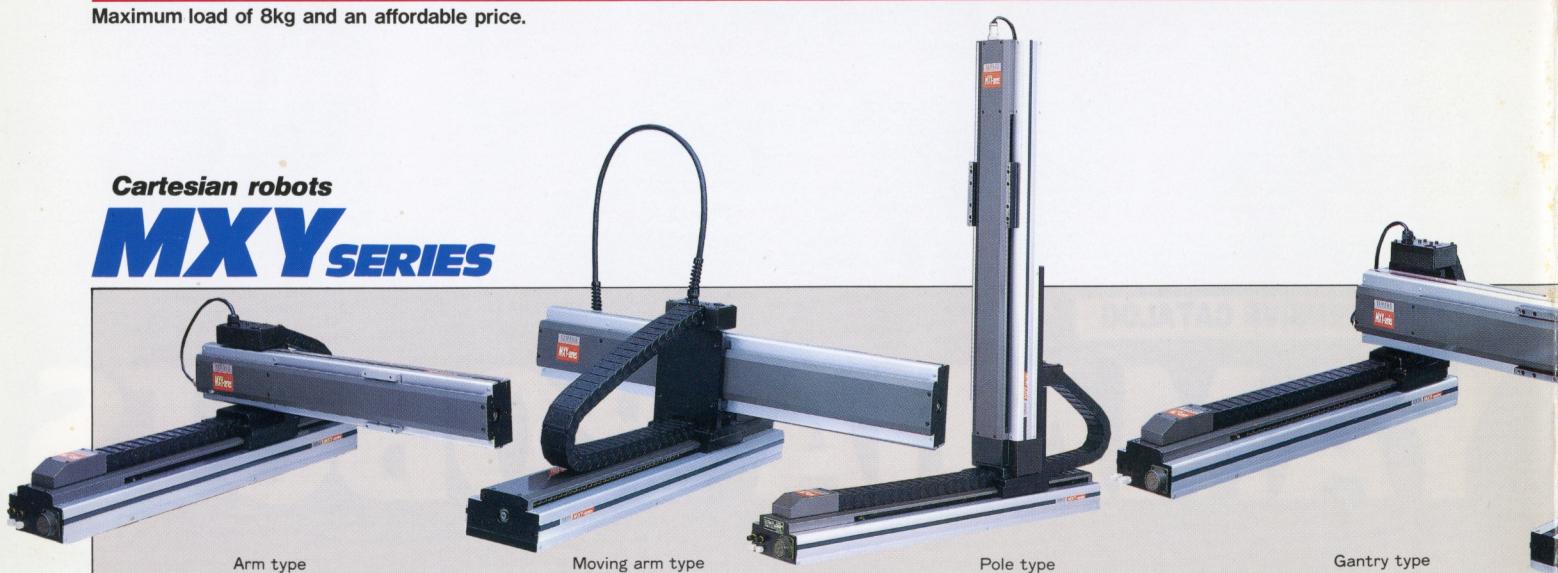
## SXY SERIES



Maximum load of 8kg and an affordable price.

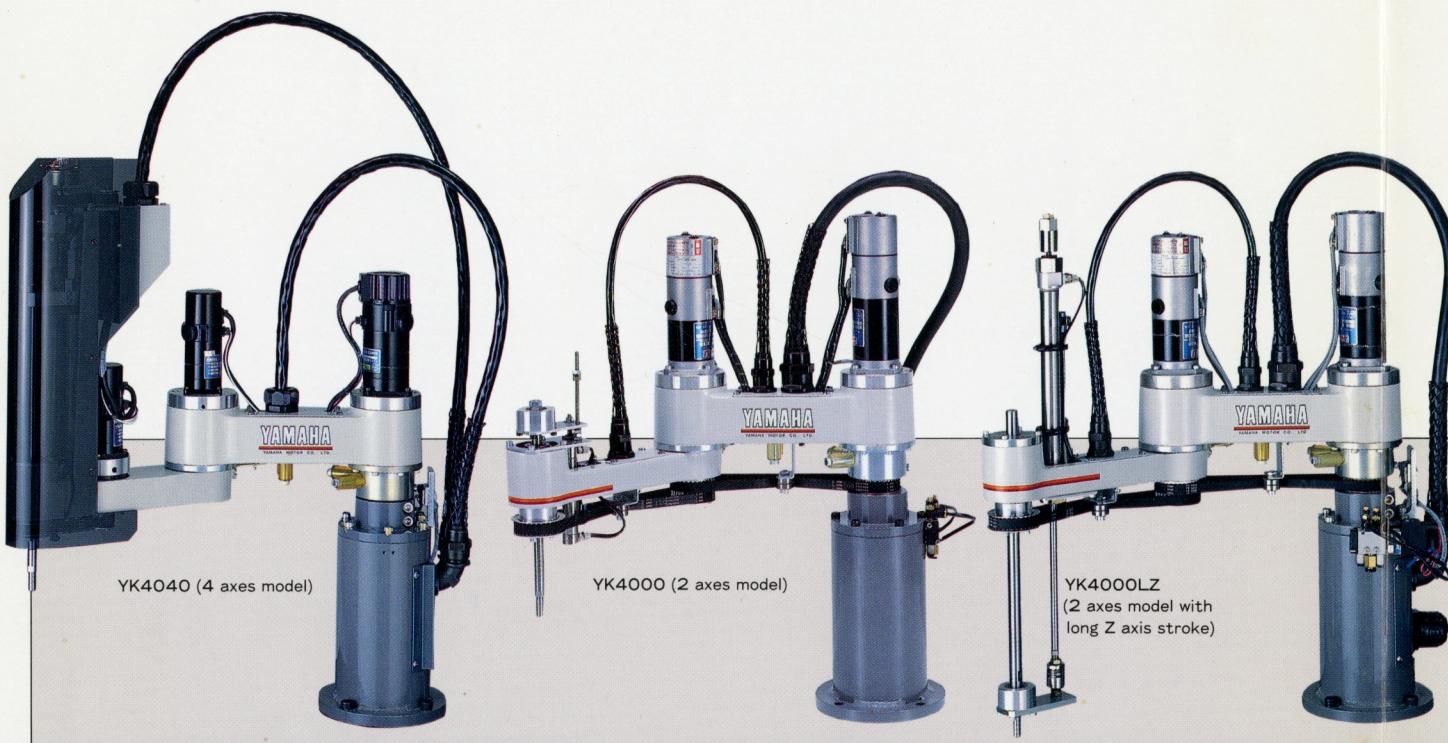
Cartesian robots

## MXY SERIES



Maximum load of 20 kg and high rigidity

A wide variety of applications to correspond to any kind of application! Highly acclaimed performance and reliability make Yamaha robots the answer to automating your manufacturing plants.



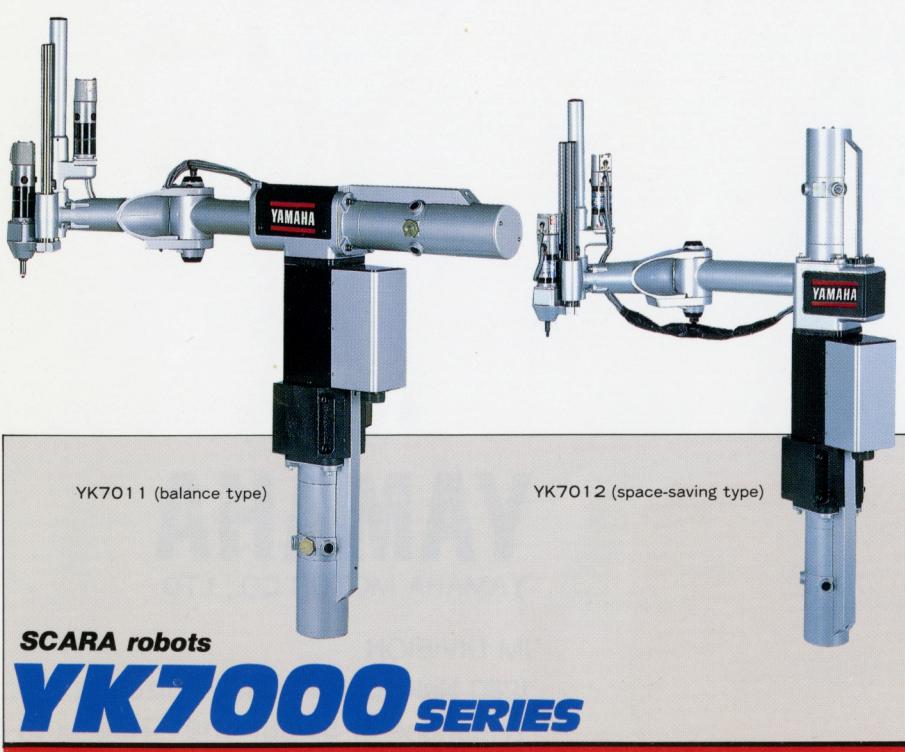
**SCARA  
robots** **YK4000 SERIES**

Maximum load of 3 kg, arm length of 400 mm; optimum for a wide range of light work applications



**SCARA  
robots** **YK5000 SERIES**

A compact robot with an improved system that offers a maximum load of 5 to 10 kg with an arm length of 500 mm.



**SCARA robots** **YK7000 SERIES**

A high-performance robot with a maximum load of 20 kg and an arm length of 700 mm. Slim design saves installation space. Can also be installed upside-down to handle special applications.



**SCARA robots** **YK8000 SERIES**

The fastest SCARA robot in the class, this model offers a maximum load of 20 kg with an arm length of 800 mm.



**SCARA robots** **YK1200 SERIES**

A powerful, high-speed SCARA robots with a maximum load of 70 kg and an arm length of 1200 mm.

# Controllers

Yamaha Controllers With a Human Interface  
High-level function control through simple operation

## ■Single-axis Controllers

### SRC1-4



These all-in-one single-axis controllers incorporate all the functions necessary for robot control in a single unit.

### SPB-2



This hand-held programming unit features a fully dialogue programming system and a large-size liquid crystal display of 20 characters × 4 lines.

Example of System Combination

FLIP SERIES

## ■2-axis Controllers



### RCH20 RCH20L

A 2-axis controller that gives you high performance at a low cost. 3-axis control is available by combining this unit with an SRC controller.

### YPU20



This is a compact hand-held programming unit with a 20 characters × 4 lines liquid crystal display. An IC memory card enables access to external program memory, while programs can be printed out using a printer card.

Example of System Combination

SXY SERIES

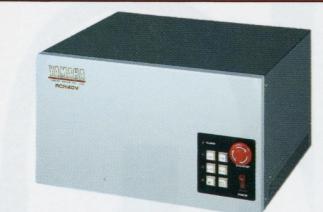
MXY SERIES

YK4000 SERIES

## ■4-axis Controllers



**RCH41**  
The keyboard and CRT are combined in one unit. Designed especially for use under harsh environmental conditions.



**RCH40V**  
With this controller, vision functions can be added for a wide range of possible applications.



**RCH40**  
Compact controller. Simultaneous 4 axes control is available.



**YPU1**  
A 9-inch CRT and detachable keyboard make this one of the easiest to operate.



**YPU2**  
With a combined CRT and keyboard, this is an optimum programming unit for installation in the worksite.

Example of System Combination

SXY SERIES

MXY SERIES

YK4000 SERIES

YK5000 SERIES

YK7000 SERIES

YK8000 SERIES

YK1200 SERIES

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714-761-7518

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• Specifications and Appearance are subject to change without prior notice (June 1991)